



NORTHERN
GRAPHITE
CORPORATION

NATURAL GRAPHITE

Technical Data Sheet

LDI-NFG M150FR

Natural Flake Graphite for Friction Applications

Product Name: LDI-NFG M150FR

Country of Origin

Canada

General Characteristics

Formula: Carbon

Aspect: Fine black powder

CAS number: 7782-42-5

Standard Packaging

25 kg paper bags, 40 bags on one pallet (1000 kg)

25 kg paper bags, 36 bags on one pallet (900 kg)

50 lbs paper bags, 40 bags on one pallet (2000 lbs)

1000 kg big bags, 1000 kg on one pallet

1134 kg big bags, 1134 kg on one pallet

Available Carbon Grades

From 94% to 97%

Guaranteed Values

Bulk Density: 0.10 – 0.80 g/cm³

Moisture: 0.5% max

Cumulative -150 mesh: 80% min
(-106 micron)

Typical Values

Ash Analysis

SiO₂: 42.1%

Fe₂O₃: 13.9%

Al₂O₃: 17.1%

CaO: 15.7%

MgO: 5.4%

K₂O: 1.2%

Na₂O: 1.2%

TiO₂: 0.3%

MnO: 0.1%

P₂O₅: 0.2%

Particle Size Distribution (vibrated sieving)

+ 150 mesh (+105 µm): 15%

+ 200 mesh (+75 µm): 26%

+ 325 mesh (+45 µm): 33%

- 325 mesh (-45 µm): 26%

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